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NOTICE OF ALLOWANCE AND FEE(S) DUE

74384

7590

06/24/2010

EXAMINER

CERNOCH, STEVEN MICHAEL

ART UNIT PAPER NUMBER

Cheng Law Group, PLLC 1100 17th Street, N.W. Suite 503 Washington, DC 20036

3752

DATE MAILED: 06/24/2010

	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
Ī	10/588,779	08/08/2006	Naoki Yamaguchi	HOK-0440	4652

TITLE OF INVENTION: ELECTROSTATIC SPRAYING DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	09/24/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where m

appropriate. All further indicated unless correct maintenance fee notifica	ed below or directed otl	ng the Patent, advance of herwise in Block 1, by (orders and notification of a) specifying a new corre	maintenance fees vespondence address	will be mailed to the currer; and/or (b) indicating a se	nt correspondence address as parate "FEE ADDRESS" for	
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Cheng Law Gr 1100 17th Street Suite 503	t, Ñ.W.		I h Sta ado tra:	ereby certify that that the tes Postal Service was dressed to the Mai	nis Fee(s) Transmittal is bein with sufficient postage for fil 1 Stop ISSUE FEE addres TO (571) 273-2885, on the	ng deposited with the United rst class mail in an envelope s above, or being facsimile	
Washington, DC	20036					(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	₹	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/588,779	08/08/2006		Naoki Yamaguchi		HOK-0440	4652	
TITLE OF INVENTION	: ELECTROSTATIC SI	PRAYING DEVICE					
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nonprovisional	NO	\$1510	\$300	\$0	\$1810	09/24/2010	
EXAM	IINER	ART UNIT	CLASS-SUBCLASS	_			
CERNOCH, STE	EVEN MICHAEL	3752	239-690000				
"Fee Address" ind	oondence address (or Cha B/122) attached. lication (or "Fee Address D2 or more recent) attach	ange of Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to				
PLEASE NOTE: Un	less an assignee is ident th in 37 CFR 3.11. Com	tified below, no assignee	T a substitute for filing ar (B) RESIDENCE: (CIT	patent. If an assign assignment. Y and STATE OR (COUNTRY)	document has been filed for	
Please check the appropri	riate assignee category or	r categories (will not be p	rinted on the patent):	Individual 🖵 C	orporation or other private g	roup entity Government	
4a. The following fee(s) Issue Fee	are submitted:	4	b. Payment of Fee(s): (Ple	ase first reapply a	ny previously paid issue fe	e shown above)	
	No small entity discount	permitted)	Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of Copies			The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
5. Change in Entity Sta	*	*			· · · · · · · · · · · · · · · · · · ·		
**	ns SMALL ENTITY state		• •		LL ENTITY status. See 37 (,	
NOTE: The Issue Fee an interest as shown by the	nd Publication Fee (if req records of the United Sta	uired) will not be accepte ites Patent and Trademarl	ed from anyone other than k Office.	the applicant; a reg	istered attorney or agent; or	the assignee or other party in	
Authorized Signature			Date				
Typed or printed name			Registration No.				
This collection of inform an application. Confiden submitting the complete this form and/or suggest Box 1450, Alexandria, V Alexandria, Virginia 223	tiality is governed by 35 d application form to the ions for reducing this bu /irginia 22313-1450. DO	CFR 1.311. The informati 5 U.S.C. 122 and 37 CFR 2 USPTO. Time will vary rden, should be sent to tf D NOT SEND FEES OR	on is required to obtain or 1.14. This collection is er y depending upon the indi the Chief Information Offic COMPLETED FORMS T	retain a benefit by stimated to take 12 vidual case. Any co er, U.S. Patent and O THIS ADDRESS	the public which is to file (a minutes to complete, includ omments on the amount of Trademark Office, U.S. De S. SEND TO: Commissione	nd by the USPTO to process) ing gathering, preparing, and ime you require to complete partment of Commerce, P.O. r for Patents, P.O. Box 1450,	

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

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Cheng Law Group, PLLC				CERNOCH, STE	EVEN MICHAEL
1100 17th Street, N.W.			ART UNIT	PAPER NUMBER	
Suite 503 Washington, DC 20036				3752 DATE MAILED: 06/24/201	0

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 139 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 139 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)					
	10/588,779	YAMAGUCHI ET AL.					
Notice of Allowability	Examiner	Art Unit					
	STEVEN M. CERNOCI	H 3752					
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSE or other appropriate con GHTS. This application	O in this application. If not included imunication will be mailed in due course. THIS					
1. This communication is responsive to the IDS filed 6/11/201	<u>10</u> .						
2. \boxtimes The allowed claim(s) is/are <u>1,3-5 and 7-22</u> .							
 3. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents 	been received. been received in Applic	ation No					
International Bureau (PCT Rule 17.2(a)).							
* Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	IENT of this application.						
 A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give 							
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.						
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached							
1) hereto or 2) to Paper No./Mail Date							
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date							
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t							
 DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT 							
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 6/11/2010 4. ☐ Examiner's Comment Regarding Requirement for Deposit	6. ☐ Interviev Paper N 7. ☐ Examine	f Informal Patent Application O Summary (PTO-413), Io./Mail Date Ior's Amendment/Comment Or's Statement of Reasons for Allowance					
of Biological Material	9. 🗌 Other _	·					
/S. M. C./ Examiner, Art Unit 3752	/Len Tran/ Supervisory	Patent Examiner, Art Unit 3752					

DETAILED ACTION

Allowable Subject Matter

Claims 1, 3-5 and 7-22 allowed.

The following is an examiner's statement of reasons for allowance: the details expressed in independent claims 12 and 14 specifically drawn to the gear pump with a pump chamber that has a flat base molded from a plastic material and a metal plate mounted in the flat base where upon a pin is provided for detachable electrical connection with a voltage terminal provided on the side of the housing to relay the high voltage to the emitter electrode was not demonstrated by the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to STEVEN M. CERNOCH whose telephone number is (571)270-3540. The examiner can normally be reached on IFP.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Len Tran can be reached on (571)272-1184. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/588,779 Page 3

Art Unit: 3752

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. M. C./ Examiner, Art Unit 3752 6/14/2010

/Len Tran/ Supervisory Patent Examiner, Art Unit 3752